

LiHCH



Application

These data control cables are used for flexible use with free movement without tensile stress or forced movements in dry, moist and wet rooms but not suitable for open air. LiHCH is well suited for use in areas subject to signal interference. The high level of screening reduces substantially the effects of electrical disturbances from parallel running wiring etc. The copper screening is also often used as an "earth". The twisted pairs conform favourable cross-talk attenuation values.

Standards

IEC 60332-1-2, IEC 60332-3-24 (Cat. C)
IEC 61034-2, IEC 60754-2, IEC 60754-1

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	Stranded electrolytic copper wire Class5
Core Insulation	Halogen Free polymer
Core Color	DIN 47100
Stranding Elements	in Lagen
Inner Sheath Material	foiled
Overall Shielding	Tinned copper braiding
Outer Insulation Material	Halogen Free polymer

Technical Data

Nominal Voltage	U_0/U : 300 /500 V
Nominal Volatage DC	U_0/U : 0 /0
Test Voltage	2000 V
Bending Radius moved (xD)	7.5
Bending Radius fixed (xD)	7.5
Operating Temperature solid	-40 °C bis 70 °C
Operating Temperature moving	-40 °C bis 70 °C

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Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
01911021	2 x 0,14	grey - grey	20,0	3,9
01911028	2 x 0,25	grey - grey	24,0	4,4
01911036	2 x 0,34	grey - grey	33,0	5,0
01911004	2 x 0,5	grey - grey	38,0	5,3
01911005	2 x 0,75	grey - grey	49,0	5,9
01911009	2 x 1	grey - grey	58,0	6,3
01911012	2 x 1,5	grey - grey	80,0	7,1
01911029	3 x 0,25	grey - grey	29,0	4,4
01911037	3 x 0,34	grey - grey	39,0	5,2
01911044	3 x 0,5	grey - grey	47,0	5,6
01911006	3 x 0,75	grey - grey	63,0	6,4
01911010	3 x 1	grey - grey	81,0	6,8
01911013	3 x 1,5	grey - grey	102,0	7,5
01911062	4 x 0,25	grey - grey	34,0	4,7
01911038	4 x 0,34	grey - grey	47,0	5,6
01911045	4 x 0,5	grey - grey	58,0	6,2
01911053	4 x 0,75	grey - grey	82,0	7,1
01911011	4 x 1	grey - grey	98,0	7,2
01911064	4 x 1,5	grey - grey	128,0	7,5
01911007	5 x 0,25	grey - grey	43,0	5,3
01911020	5 x 0,34	grey - grey	58,0	6,3
01911046	5 x 0,5	grey - grey	78,0	6,9
01911054	5 x 0,75	grey - grey	98,0	7,7
01911063	5 x 1	grey - grey	120,0	7,2

Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
01911024	7 x 0,14	grey - grey	39,0	5,2
01911031	7 x 0,25	grey - grey	51,0	5,7
01911039	7 x 0,34	grey - grey	77,0	7,0
01911047	7 x 0,5	grey - grey	94,0	7,4
01911015	7 x 0,75	grey - grey	129,0	8,7
01911068	8 x 0,75	grey - grey	129,0	8,7
01911025	10 x 0,14	grey - grey	55,0	6,5
01911032	10 x 0,25	grey - grey	80,0	7,1
01911002	10 x 0,34	grey - grey	112,0	8,9
01911048	10 x 0,5	grey - grey	135,0	7,3
01911055	10 x 0,75	grey - grey	176,0	10,7
01911026	12 x 0,14	grey - grey	68,0	6,9
01911014	12 x 0,25	grey - grey	88,0	7,5
01911040	12 x 0,34	grey - grey	125,0	9,1
01911049	12 x 0,5	grey - grey	150,0	9,8
01911008	12 x 0,75	grey - grey	197,0	11,0
01911033	18 x 0,25	grey - grey	127,0	9,0
01911041	18 x 0,34	grey - grey	171,0	10,5
01911050	18 x 0,5	grey - grey	210,0	11,2
01911056	18 x 0,75	grey - grey	291,0	13,1
01911034	25 x 0,25	grey - grey	165,0	10,4
01911042	25 x 0,34	grey - grey	227,0	12,6
01911057	25 x 0,75	grey - grey	377,0	15,6
01911035	40 x 0,25	grey - grey	245,0	12,6